2021 CERTIFICATION

Consumer Confidence Report (CCR)

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PRINT Public Water System Name

List PWS ID #s for all Community Water Systems included in this CCR

CCR DISTRIBUTION (Check all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
Advertisement in local paper (Attach copy of advertisement)	6/8/2022
□ On water bill (Attach copy of bill)	
□ Email message (Email the message to the address below)	
□ Other (Describe:)	
DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE ISSUED
□ Distributed via U.S. Postal Service	
Distributed via E-mail as a URL (Provide direct URL):	
□ Distributed via Email as an attachment	
□ Distributed via Email as text within the body of email message	
□ Published in local newspaper (attach copy of published CCR or proof of publication)	
□ Posted in public places (attach list of locations or list here)	
□ Posted online at the following address (Provide direct URL):	
CERTIFICATION I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its custor the appropriate distribution method(s) based on population served. Furthermore, I certify that the information is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR resorted regulations (CFR) Title 40, Part 141.151 – 155. President Title	contained in the report
SUBMISSION OPTIONS (Select one method ONLY)	
You must email or mail a copy of the CCR, Certification, and associated proof of del the MSDH, Bureau of Public Water Supply.	ivery method(s) to
Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215	gov

2021 Annual Drinking Water Quality Report Bethlehem Water Association PWS#: 0730024

PWS#: 0730024 May 2022



We're pleased to present to you this year's Annual Quality Water Report. This report is designed to present to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is purchased from the City of New Albany from wells drawing from the Eutaw, McShan and Ripley Aguifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the City of New Albany have received a moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Janice Purvis at 662.507.1632. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. The annual meeting is held in February each year (call for date) at the Bethlehem Methodist Church at 6:00 PM.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Picocuries per liter	pci/L) - pic	ocuries per in	er is a meas	sure of the radioacti	vity in water.				
				TEST RES	ULTS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source	of Contamination
Radioactive	Conta	minants							
6. Radium 226 Radium 228	N	2019*	.48 .56	No Range	pCi/L	0	5	Erosion of nat	ural deposits
Microbiolo	gical C	ontamir	ants						
Total Coliform Bacteria including E. Coli	Y	September	Monitoring	0	NA	0	. ba	nce of coliform cteria in 5% of onthly samples	Naturally present in the environmer E Coli comes from

										human and animal fecal waste
Inorganic	Conta	minants								
8. Arsenic	N	2019*	1.5	.7 – 1.5	ppb		n/a		10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2019*	.1447	.1121447	ppm		2		2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019*	.6	.6 – .9	Ppb		100	1	00	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2018/20*	.5	0	ppm		1.3	AL=1	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2019*	.194	.154 — .194	ppm		4		4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	2	0	ppb		0	AL=	15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	120000	61000 - 12000	0 ppb		0		0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	on By-	Product	S							
81. HAA5	N	2021	2.47	No Range	ppb	0		60 By-Product of drinking wate disinfection.		
82. TTHM [Total trihalomethanes]	N	2021	9.58	No Range	ppb	0		80 By-product of drinking wa chlorination.		
Chlorine	Y	2021	1.8	.81 – 1.65	mg/l	0	MDI	RL = 4		ater additive used to control crobes

^{*} Most recent sample. No sample required for 2021.

Microbiological Contaminants:

Chlorine. Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During September 2021, we did not complete all monitoring or testing for bacteriological and Chlorine contaminants and therefore cannot be sure of the quality of our drinking water during that time. We were required to take 2 samples and took none. We have since taken the required sample that showed we are meeting drinking water standards.

Our system received a CCR Report violation for not submitting this report in 2021 by the July 1st deadline.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Bethlehem Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

⁽¹⁾ Total Coliform/E Coli. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. Disinfection By-Products:

2021 Annual Drinking Water Quality Report Bethlehem Water Association PWS#: 0730024 May 2022

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Movimium Residual Disinfectant Lavel (MRDIL) — The highest fevel of a distrifectant allowed in drinking writer. There is convincing evidence that addition of a distribution to insecsion; to control resorbed contaminants

Maximum Resolver Distribution Loval Goal (MRDLG) — The level of a drinking water distribution between which libera is no known or expected risk of bealth. MRDLGs do not reflect the sensitile of the use of distributional to control introduct contaminants. Prints per million (apm) or Milligrams par filer (mg/l) - one part per million corresponds to one misute in two years or a single penny in \$10,000.

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Picocuring per interior (activity)

Procuring par i	T. Brand	process to	t berrie	Bane	taining of the th	dice	clivity in	water				
					TEST	RE	SULT	rs			-	
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Radioacti	ve Con	tamin	onte		1 2000	-	-		-	1		
6. Radium 226 Radium 228	N	2019	12	6	No Range	-	100		0	_		-
Microbio	Ingical	Canto	1.5		100000	-	1					Erosion of natural deposits
		Conta								101		
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Imananta	d	1						1				focal waste
Inorganic												
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10. Barlum	N	2018-		AY	.1121447		ppm		2		2	and electronics production was Discharge of driling wastes, discharge item meta reinnedes, crosson of natural deposes
13. Chromium	N	2010*	В		.6D		Ppb		100	-	100	Discharge from steel and rule
4. Copper	N	2018/2	5 5		0		ppm	-	1.0	AL	13	mile; erosion of natural deposits Contision of biosphold plumbing
6. Fluorida	IN -	2019*	16									systems; existen of natural deposits; leaching hum wood proservatives
		2019	10		154 - 194		ppm		4	П	-	tirotion of natural deposits, water additive which promotes atrong teeth; discharge from femilizer or
7. Lead	N	2018/20	2		0		ррб		0	AL		nhiminum factories Conneion of household clumble; systems, erosion of resture!
lodium	И	2019°		000	61000 - 12000	0	ppb	1	0		0	doposite Ruad Salt, Water Treatment Chemicals, Water Soldersey and
Disinfectio	n By-1	rodu	cts			-	-	-	- 1	-	_	Severage Effluents
1 HAAN	N	2021	2.47	No	Range	ppt	, 1	0	1	60	Bos.	Product of danking water
otal	N	2021	9.58	No	Rango	ppt	1	0		60	By-	Section water water water
Islarine	Y	2021	1.0	.01	- 1.65	ms		0	MOR		RY	er additive used to control

* Most record straight. No sample required for 2021

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Some peccial may be more valuerable to construents in displing writer than the general population, immuna-compromised persons such as persons with current undergoing characteristics, persons who have undergoing characteristics, and infants can be particularly at list from infactions. These people should leak advoca about displicit common from their habit. Each content is early content of the properties means to be leaken the sist of infection their habit.

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2021 Annual Drinkin Bethlehem W PWS#:

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				TEST R
Contaminant	Violation	Collected	Love! Delected	Range of Dete or # of Storph Exceeding MCL/ACL
Radioactive	Conta	minants		
6, Radium 226 Radium 226	N	2019*	,481 ,56	No Range
Microbiolo	ogical C	ontami	nants	
Total Coliforn Bacteria including E. Coli	Y	September	Munituring	0
Inorganic	Contan	inants		
B. Arsenia	N	2019-	1.5	3-15
10, Barium	N	2019°	1447	,112 - ,1447
13 Chromium	IN	2019*	.6	.00

Soonm	1"	2015	1	10000		
Disinfection	n By	Produ	cts			
81, HAA5	N	2021	2.47	No Range		
52. TIPEN [Total treatmethones]	N	2021	9.56	No Rango		
A Commission of the Commission	W	2021	1.18	B1-165		

2018/20

2019

* Most recent sample. No sample required for 2021

16. Filipride

Mandelegoral Community (I) Total Collifornia and bacteria that are unturally present in the personner stay to present or that a pointing pathograp careful theory in plants community to the present of the community of the commu

Chlorina. Seem people who next success containing chlorine well in culture of the MRI

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If present, abvasce to vote of least can owner serfour health spotberns water in principly from missinals and components associated with servous properties of the components associated with servously for servously training water, but cannot control the variety of servously for servously not servously commitment on potential for lead exposition depoling or cooking, if you are concerned about lead in your water, value, restrict servously methods, and stops you can take to missingly methods, and stops you can take to missingly exhibited, and stops you can take to missingly exhibited to provide the control of the cont

All sources of drinking water are subject to potential contamination by to an earner integrate or organic chemicals and redoctive talk expected to contain at least arrial uncomes of some contaminants. To pools a health risk. More information about contaminants and potential Appendix Sale Dichalog Water Holling at 7, 800-478-479.

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The Bethicken Water Association works around the cloud to provide project our water sources, which are the heart of our community, our water

PROOF OF PUBLICATION

ne, the undersigned, a notary public in and for Union County. Mississippi, the **Publisher** of The New Albany Gazette, a newspaper published in the City of New Albany, Union county, in said state, who, being duly sworn, deposes and says that the NEW ALBANY GAZETTE is a newspaper as defined and prescribed in Senate Bill No 203 entered at the regular session of the Mississippi Legislature of 1948, amending section 1858 of the Mississippi Code of 1942, and that publication of a notice, of which the annexed is a copy, in the matter of Cause No. Water Report has been made in said newspaper consecutively. to-witt: On the ______ day of _______ 2022 On the _____ day of _____ 2022 On the ______ day of _______, 2022 On the _____day of _____ SWORN TO and subscribed before me, this **NOTARY PUBLIC** ____ payment in full of the above account. 2022 THE NEW ALBANY GAZETTE New Albany, Miss _______, 2022 with esThe New Albany Gazette

Cause No._

Amount Due \$